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**SERIAL NO.**

09/227,350

NISHIUMI et al.

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2778

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS



**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent pages, etc.)

[illegible]

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Form PTO-FB-A820 (Also PTO-1449)



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723-680

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NISHIUMI et al.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,729,129	04/24/73	FLETCHER et al.			
	4,161,726	07/17/79	BURSON et al.			
	4,685,678	08/11/87	FREDERIKSEN			
	4,887,230	12/12/89	NOGUCHI et al.			
	4,916,440	04/10/90	FAESER et al.			
	5,160,918	11/03/92	SAPONSNIK et al.			
	5,237,311	08/17/93	MAILEY et al.			
	5,329,276	07/12/94	HIRABAYASHI			
	5,394,168	02/28/95	SMITH, III et al.			
	5,421,590	06/06/95	ROBBINS			
	5,551,701	09/03/96	BOUTON et al.			
	5,558,329	09/24/96	LIU			
	5,589,854	12/31/96	TSAI			
	5,663,747	09/02/97	SHULMAN			
	5,684,512	11/04/97	SCHOCH et al.			
	5,704,837	01/06/98	IWASAKI et al.			
	5,714,981	02/03/98	SCOTT-JACKSON et al.			
	5,734,373	03/31/98	ROSENBERG et al.			
	5,786,807	07/28/98	COUCH et al.			
	5,793,356	08/11/98	SVANCAREK et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 431 723 A2	06/12/91	EP				
	32 04 428 A1	08/18/83	DE				
	2 234 575 A	02/06/91	GB				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

	IBM Technical Disclosure Bulletin, Vol. 37, No. 08, August 1994, pp. 73-74, "Analog Joystick Interface Emulation using a Digital Counter"
	IBM Technical Disclosure Bulletin, Vol. 33, No. 11, April 1991, pp. 105-106, "Hardware Reset With Microcode Warning Period"

\*Examiner

DAVID L LEWIS

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## U.S. PATENT DOCUMENTS

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